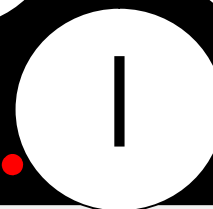
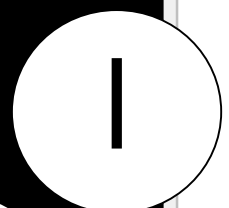
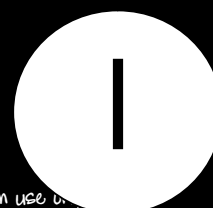
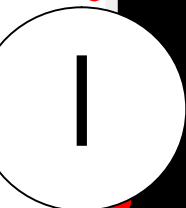
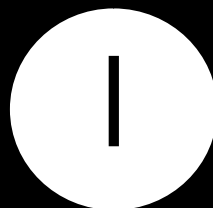
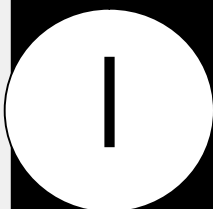
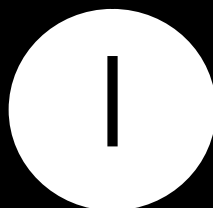
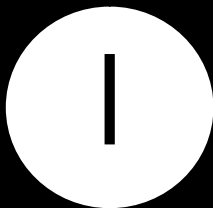
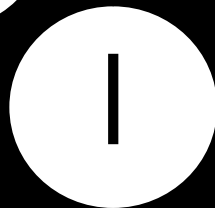
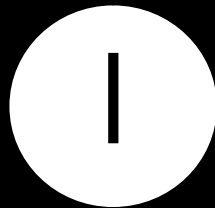


double digit

addition and subtraction  
card sorts

with

number discs



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## Teacher Notes:

These card sorts were designed for students to use after experiences solving addition and subtraction equations with number discs. For the card sorts to be most effective, allow students to work in pairs to solve them. This creates discussion which will provide an environment for *evaluation*—one of Bloom's higher levels of thinking. In each card sort, there is an extra card which is meant to create more discussion among student pairs. The extra card may look like the match to another card. This was done in order to target discussion around some misconceptions students may develop with addition and subtraction.

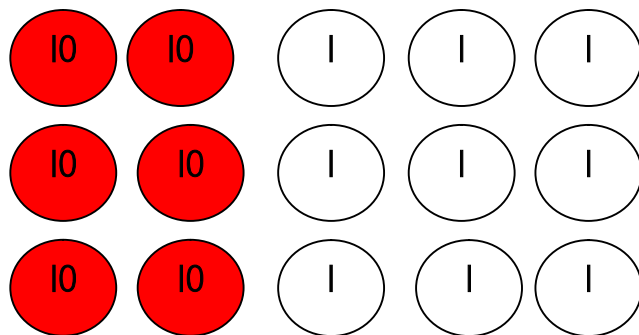
Each card sort is four pages long. The first two pages are the cards for the students to cut out. The second two pages are for students to glue their cards onto. These card sort pages with empty boxes will help students to organize their cards as they match each one.

# Number Discs Addition with No Regrouping Card Sort

A.

$$54 + 15 = \underline{\quad}$$

B.



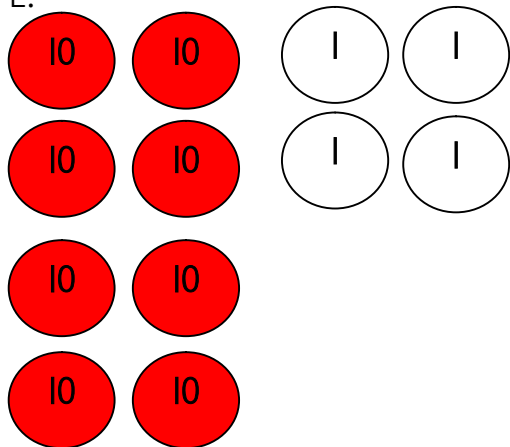
C.

$$26 + 42 = \underline{\quad}$$

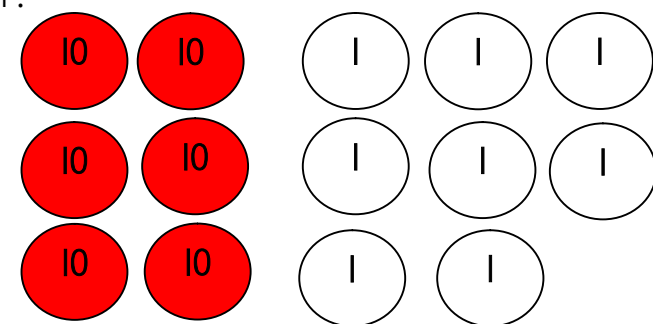
D.

$$\underline{\quad} = 11 + 73$$

E.



F.



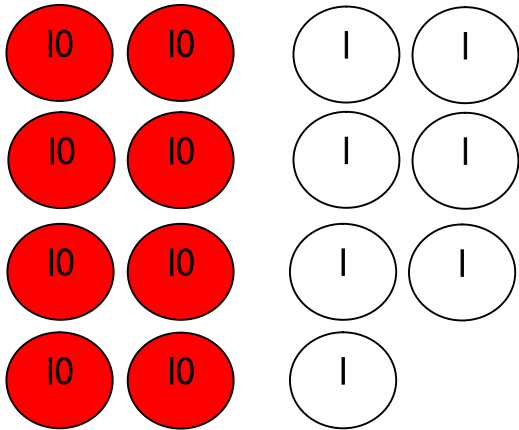
G.

$$66 + 21 = \underline{\quad}$$

H.

$$12 + 30 = \underline{\quad}$$

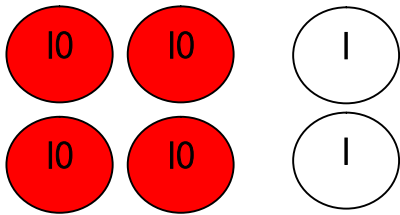
I.



J.

$$6 + 9 = \underline{\quad}$$

K.



**Directions:** Cut out each picture and equation card. Then match each number disc picture card to the equation card that shows its sum. There is one card that doesn't belong with any other card. Can you find it?

# answer key

## Number Discs Addition with No Regrouping Card Sort

A	B
C	F
D	E
G	I
H	K
J does not belong	